

20000517.qrp v01_n824.qrl.20000517

Date: Wed, 17 May 2000 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1824

QRP-L Digest 1824

Topics covered in this issue include:

- 1) [70375] Re: New Elecraft Rig
by tailfeathers@juno.com
- 2) [70376] QRP-L CD Ver. 3 - Distributors
by "John J. McDonough" <wb8rcr@arrl.net>
- 3) [70377] RE: Another Toroid Question
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 4) [70378] Re: Another Toroid Question
by Steve Yates <aa5tb@yahoo.com>
- 5) [70379] Re: OT: OTHER QRP stuff
by Steve Yates <aa5tb@yahoo.com>
- 6) [70380] FS: small solar panels
by Dave Redfearn <n4elm@home.com>
- 7) [70381] Mobile antennas
by "Thaire Bryant" <tbry37@ici.net>
- 8) [70382] HW-9 stuff for sale
by TVComlGuy@aol.com
- 9) [70383] QRP-L CD Version 3 - More details de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 10) [70384] Re: The cheapest Spectrum Analyzer
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 11) [70385] Re: Mobile antennas
by Wb8siw@aol.com
- 12) [70386] FS: Built SWL rigs
by Duffer <hduff@ica.net>
- 13) [70387] Re: Source of RG174?
by john@neknetwork.com
- 14) [70388] Re: QRP-L CD Ver. 3 - Distributors
by Michael Bower - N4NMR <bowerm@ix.netcom.com>
- 15) [70389] SELL: TT Argonaut II HF XCVR
by Patrick Armstrong <aa7fg@gte.net>
- 16) [70390] FS: Proto boards for homebrew
by Dave Redfearn <n4elm@home.com>
- 17) [70391] QRP-L CD Ver. 3 - online availability???
- by Robert Marlan <rsm@halcyon.com>
- 18) [70392] FS: FT-243 crystals (approx 40 Meters)
by Dave Redfearn <n4elm@home.com>
- 19) [70393] FS: Magnetic circuit breakers

- by Dave Redfearn <n4elm@home.com>
- 20) [70394] Dayton: SWL at booth #242
by "Dave Benson" <nn1g@earthlink.net>
- 21) [70395] Re: QRP-L CD Ver. 3 - online availability???
by "Paul R. Valko" <prvalko@oakland.edu>
- 22) [70396] Re: New Elecraft rig
by Dave Fifield <fifield@pacbell.net>
- 23) [70397] Re: o'scopes...
by "Leon Heller" <leon_heller@hotmail.com>
- 24) [70398] DAYTON
by K4NK@aol.com
- 25) [70399] QRP-L CD Vol 3 - another distributor (with PayPal)
by Michael Bower - N4NMR <bowerm@ix.netcom.com>
- 26) [70400] Re: QRP-L CD Ver. 3 - online availability???
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 27) [70401] FS: MFJ 9015
by Jerry p Albertin <jalbertin@juno.com>
- 28) [70402] Re: Dayton: SWL at booth #242
by Richard Matthews <prm@hiwaay.net>
- 29) [70403] RE: FS FT-243 crystals - SOLD!
by Dave Redfearn <n4elm@home.com>
- 30) [70404] RE: CW
by Shawn Upton <shawn-upton@aiken.eng.orgella.com>
- 31) [70405] SMT parts at Dayton again
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 32) [70406] FS: TT Century 21
by Stanley A McIntosh <mcintos@basf-corp.com>
- 33) [70407] RE: FS small solar panels - SOLD!
by Dave Redfearn <n4elm@home.com>
- 34) [70408] RE: o'scopes...
by "AI2Q Alex" <ai2q@ispchannel.com>
- 35) [70409] UPdate: FS: Magnetic circuit breakers
by Dave Redfearn <n4elm@home.com>
- 36) [70410] FS: Yaesu 2m/440
by Marv Fagenson <k6hcj@juno.com>
- 37) [70411] FS vibrokeyer
by paul taylor <ptay1@miro.bestweb.net>
- 38) [70412] RE: Mobile antennas
by Karl Kanalz <KKanalz@excel.com>
- 39) [70413] RE: The cheapest Spectrum Analyser
by Dave Barrett <DBarrett@creo.com>
- 40) [70414] Do you know Rex Harper, W1REX?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 41) [70415] Update: FS: Dip meter, rig, books, etc.
by arrowhead1@characterlink.net (Ted Danchi)
- 42) [70416] QRP-L CD Vol 3 - another distributor (with PayPal) WITH CORRECTION
by Michael Bower <bowerm@ix.netcom.com>
- 43) [70417] OT: Kenwood TM-261A problem question???

- by Steve Kubisch <WW7Y@sisna.com>
- 44) [70418] FS: QRP Rigs FS
by "John L. Sielke" <n4js@pobox.com>
- 45) [70419] Small Wonder PSK-20 question
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 46) [70420] RE: DSW-XX Which band?
by "Joe Malloy" <jmalloy@hamilton.edu>
- 47) [70421] Re: Small Wonder PSK-20 question
by PDouglas12@aol.com
- 48) [70422] Re: Small Wonder PSK-20 question
by Richard Matthews <prm@hiwaay.net>
- 49) [70423] HP 1740A Scope Disposition
by "Phinizy, William" <wphinizy@filenet.com>
- 50) [70424] FS: OHR-100A 30-meter kit..
by "Phinizy, William" <wphinizy@filenet.com>
- 51) [70425] RE: New Elecraft Rig
by Karl Kanalz <KKanalz@excel.com>
- 52) [70426] Re: Another Toroid Question
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
- 53) [70427] Re: HP 1740A Scope Disposition
by Bruce Kizerian <kizerian@ced.utah.edu>
- 54) [70428] RE: Another Toriod Question
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 55) [70429] RE: New Elecraft Rig
by n2go@arrl.net
- 56) [70430] Free nice project case
by RangerSF5@aol.com
- 57) [70431] Dayton and goat meat
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 58) [70432] Re: Small Wonder PSK-20 question
by "Rod, N0RC" <n0rc@qsl.net>
- 59) [70433] Swap P/S for MFJ code tutor
by "Francis Callahan" <colcal@srv.net>
- 60) [70434] Problems at the Dayton Ramada?
by "Paul R. Valko" <prvalko@oakland.edu>
- 61) [70435] Prop: AL7FS just can't believe it.
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 62) [70436] QRP-L CD - WL7MP Juliann is my backup May30 to June 20.
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 63) [70437] What's going on ?
by Rick McKee <kc8aon@juno.com>
-

Date: Tue, 16 May 2000 19:03:41 -0400
From: tailfeathers@juno.com
To: N9DD@aol.com
Cc: qrp-1@Lehigh.EDU

Subject: [70375] Re: New Elecraft Rig
Message-ID: <20000516.190403.-3956653.1.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Whoa! very cool! I was inquiring about a multi band rig several weeks ago and was told by elecraft that if I could wait until Dayton that I wouldn't be disappointed. Dual band with other bands available? That will work great, and they must have been reading my mind. I just mailed the order form. Any good books on patience?

Gary
n8gsj

On Tue, 16 May 2000 16:24:09 EDT N9DD@aol.com writes:

> Hi Gang
>
> I'm suprised the list isn't flooded with info on this yet...
>
> Check out <http://www.elecraft.com>
>
> They have a new 2-band transceiver kit. Looks great!
>
> See y'all at Dayton!
>
> Tom Frisz N9DD
> South Bend, IN

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 16 May 2000 18:52:41 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [70376] QRP-L CD Ver. 3 - Distributors
Message-ID: <028901bfbf89\$72866ba0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

So you don't all bury Jim, here's the status of the various QRP-L CD distributors:

AL7FS

N4NMR - Have both received their CD's.

VK2KFA

EA2SN - Mailed 5/11, should see them soon.

G0UKB

N7KT - Just got their mailers, should be in the mail Friday morning unless I get a sudden urge to drive to Dayton.

I expect at least a couple more stateside distributors soon.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 16 May 2000 16:36:08 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [70377] RE: Another Toroid Question
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FEDB@blaze.bcsc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Thanks for the replies so far. I think my confusion is stemming from the use of the formula given in the Amidon literature for calculating the number of turns required to obtain a given inductance value. It appears that the formula is independent of wire size. Using the formula:

$$T = 100 \sqrt{\frac{\text{required inductance}}{AL}}$$
 where T is the number of turns needed,

there is no place to insert wire size. So, for example, if it takes 46 turns of #28 wire to obtain 12uh of inductance, one could assume it would take 46 turns of whatever wire to achieve the same inductance. It appears the only limiting factor is the number of turns one can physically fit on any given core. Am I way off here or what??

Doug VA7DD

Date: Tue, 16 May 2000 16:43:43 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70378] Re: Another Toroid Question
Message-ID: <20000516234343.22225.qmail@web3002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Doug,

"Questions is, can I substitute another size of wire and, by varying the number of turns, obtain the same inductance?"

Yes, although you shouldn't have to vary the number of turns much if any. The inductance formulas (for toroids) do not consider the gauge of the wire since its effect on the inductance of a toroid is usually insignificant compared to effect of the turns through the core.

As long as you can properly wind the toroid with the larger gauge wire and still leave some gap (~30 degrees) between the ends of the coil things should be okay. If you were reducing the wire gauge by a large amount then current capability and Q (smaller wire - more resistance) may be an issue.

With 24 AWG that you have the approximate maximum number of turns on a T-68 core is 49 so you may be pressing your luck winding 46 turns. I would go with the 30 AWG since the resistance will not be much greater then the 28 AWG called out and it will be much easier to fit it on the core.

=====

73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@yahoo.com

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Tue, 16 May 2000 16:56:31 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70379] Re: OT: OTHER QRP stuff
Message-ID: <20000516235631.19241.qmail@web3001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I drive a QRPp car, uh-hum, a Ford Aspire. Hey, it
had a QRP price!

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@yahoo.com

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Tue, 16 May 2000 18:59:54 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70380] FS: small solar panels
Message-ID: <3921E0FA.26C0E96E@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

(2) two Arco G50 Solar panels
Approx 100 ma short circuit current
Approx 22 VDC open circuit voltage
Approx 7.5" X 14" with mounting holes

Panels are used, some weathering of the rubber side covering.
Short (8 inch) pigtail for power
One panel has the front glass cracked
Both panels work.

\$35.00 OBO + shipping from TX.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 16 May 2000 20:26:48 -0400
From: "Thaire Bryant" <tbry37@ici.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [70381] Mobile antennas
Message-ID: <200005170030.UAA04819@bajor.ici.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have seen threads before concerning mobile antennas. Now
I own a Ford F150, and would like some suggestions as to a
mobile antenna for QRP. Outbacker??

Thaire W2APF

Date: Tue, 16 May 2000 20:30:39 EDT
From: TVCom1Guy@aol.com
To: heathkit@qth.net, heathkit@cyberventure.com, qrp-l@lehigh.edu
Subject: [70382] HW-9 stuff for sale
Message-ID: <77.42f9db0.2653422f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

HW-9 transceiver. Good condition. Does not work on 30, 12, or 10 meters.

Motorboats when turned to these bands. \$225

HW-9 transceiver. Good condition. Cabinet repainted, speaker added to bottom of cabinet. (Good idea, actually) \$250

HFT-9 antenna tuner and HM-9 wattmeter. Cabinets repainted. Sold as a pair. \$100.

All are complete with original manuals.

Date: Tue, 16 May 2000 17:24:15 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [70383] QRP-L CD Version 3 - More details de AL7FS
Message-ID: <3921F4BF.5A269461@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello again.

The first CD went out to Michael, N6CHV, who paid with PayPal. That works.

The CD plus mailer that I am using weighs 2.2 ounces so in the USA, that means 77 cents postage.

Please be sure you have enough postage on your Self Addressed Stamped mailer.

If you provide your own CD and Mailer:

Summary - 2.2 ounce mailer + CD - This updates info in the first email.

** to USA \$0.77 This goes First Class

** to Canada \$1.00 This goes airmail - US stamps only please

** to other countries \$2.20 This goes airmail - US stamps only please

Of course if you use method B or C and I provide the mailer and CD, then you do not have to worry about postage...I will take care of it.

Full details at <http://www.qsl.net/al7fs/>

73, Jim

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>

QRP ARCI #6754 Check out <http://www.qrparci.org/>

Date: Wed, 17 May 2000 10:25:42 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70384] Re: The cheapest Spectrum Analyzer
Message-ID: <3921E706.599E31FF@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FWIW there was a couple of years back an interesting and relatively cheap SA project/kit in several issues of Electronics Now.

It was a card for your computer, didn't build it but remember it sold for about \$200

Seem to remember it was a relatively ambitious project, smt etc., skilful screening and so on. Never read any negative feedback <g>

--
72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Tue, 16 May 2000 21:42:18 EDT
From: Wb8siw@aol.com
To: tbry37@ici.net, qrp-l@lehigh.edu
Subject: [70385] Re: Mobile antennas
Message-ID: <6a.2dcc317.265352fa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 05/16/2000 8:30:36 PM Eastern Daylight Time, tbry37@ici.net writes:

<< I have seen threads before concerning mobile antennas. Now

I own a Ford F150, and would like some suggestions as to a mobile antenna for QRP. Outbacker??

Thaire W2APF >>

Hi Thaire:

I've done a fair amount of HF mobile operating and will offer some thoughts...for what they're worth. You probably know all this...but it can't hurt....

Like so many things in Amateur Radio, it's a matter of personal choice mixed with a little science! LOL.

Operating QRP mobile requires a fairly efficient mobile antenna system, even with a 100 watt transmitter. Losses that can be tolerated with the typical 100 watt transceiver are somewhat more critical at 5 or ten watts. The bands one chooses to operate will probably play a role in the choices you will want to make regarding an antenna.

Losses are of greatest concern at lower frequencies. Because of the low radiation resistance of a mobile whip at such frequencies as 3.5 and 7.0 MHz, one must be especially careful at these frequencies when selecting equipment for a mobile HF antenna. Some "guidelines" that may improve your operating satisfaction, particularly if you plan to operate lower frequencies, include:

- 1) Utilize a heavy-duty inductor of reasonable diameter and conductor size. This will minimize loss in the inductor.
- 2) Select a mobile antenna that places the coil higher along the length of the whip. This improves current distribution along the length of the mobile whip, providing superior field strength. As a general rule, a mobile whip loaded near the center or higher will be more efficient than one loaded at the base. A center-loaded whip, such as the Hustler units or "bug-catchers" is a reasonable compromise between this goal and mechanical stability.
- 3) Capacity hats also improve current distribution above the antenna, again increasing field strength.

It's hard for me to describe the equivalent circuit of an HF mobile antenna in a quick e-mail, but you might want to envision a series circuit consisting of a capacitive and inductive component, as well as a few resistors, representing losses in the coil, I²R losses in the return path (ground/counterpoise provided by the vehicle and earth) and radiation resistance (the beneficial component).

Not everyone wants to drive down the road with a large loading coil, heavy

duty mast, capacity hat, and so forth! LOL. This is where the preference issue comes in....Choose an antenna that best meets the criteria above within the limits determined by your own sense of aesthetics (or perhaps your "YLs").

If you plan to operate primarily 20 meters and up, you can probably get away with a smaller antenna, such as the outbacker. However, the same basic rules apply.

Personally, I utilize the Hustler whips with the interchangeable coils. They're reasonably efficient, mechanically quite rugged, and they are not terribly unsightly. I have found them to be a reasonable compromise of performance, simplicity, aesthetics, and cost.

There are some newer styles of HF mobile antenna that are "remote-tuned" from the vehicle. Perhaps some of the list members can offer some insights on their personal experiences with this type of antenna.

By the way, I operate CW mobile quite a bit....it offers some significant advantages over SSB, particularly for HF mobile.

73! Jim WB8SIW

Date: Tue, 16 May 2000 22:03:22 -0400
From: Duffer <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [70386] FS: Built SWL rigs
Message-ID: <3921FDE9.4DB3DB82@ica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Small Wonder Labs rigs for sale:

DSW-40, 40 meter CW rig.

Built and working per specs. Built into a rugged and compact diecast Hammond box. All controls and jacks/power on front or rear panel. Very stable DDS controlled VFO. Audio frequency annunciator. Built-in keyer. Offers !?!

White Mountain -20 SSB QRP rig.

Built and working into a small aluminum avionics zeus panel mount chassis (Looks nice !)

All controls on front panel, jacks and power on rear. Has the optional audio frequency annunciator. Offers !?!

e-mail: hduff@ica.net
Hugh VA3TO

Date: Tue, 16 May 2000 22:59:48 -0400
From: john@neknetwork.com
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70387] Re: Source of RG174?
Message-ID: <39220B24.C7E78D2@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You know, I just happened to click one of the links below,
<http://www.davisrf.com> - it turns out (this is ohhhhh too sweet), these
guys are but 10 minutes out of the way from the route I take when I
drive down to work once or twice a week. If you're thinking "big deal",
I gotta tell ya', the nearest thing to coax up here where I live is what
they sell at Radio Shack 'nuff said. Ladder line? You must be
kidding. Anyway, since they're in the great state of New Hampshire,
there is no sales tax and since wire is usually heavy, it's nice that I
can save on shipping by picking it up in person.

Anyway, these guys are GREAT folks to deal with - read the section on
their website about how to pay and you'll get the picture. I had a nice
chat with their "wire guy" on the phone today; very helpful, very
friendly and very knowledgeable.

Oh yeah, this weekend; "The Loop" is gonna grow. :)

73,

John, KB1ENS

Standard disclaimer, just a customer, no other interest in the business.

"Dieter (Diz) Gentzow W8DIZ" wrote:

>

> Ditto on <http://www.davis.com> .

> I bought 1,000 feet of 14/7 hard drawn copper...

> received it very fast AND the best price in town.

>

> 73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W

> FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
> <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]
>
> ----- Original Message -----
> From: "Ed Tanton" <n4xy@att.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, May 16, 2000 11:17 AM
> Subject: RE: Source of RG174?
>
> > DITTO: I cannot recommend Steve Davis / Davis RF highly enough!!!
> >
> > 73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)
> >
> > website: <http://www.qsl.net/n4xy/>
> >
> > ///snip
> > >
> > > Yep, these folks are a class act.
> > > (Product is good, too.)
> > >
> > > Rick - W4SEA
> > >
> > >
> > > At 08:06 AM 05/14/2000 -0500, you wrote:
> > > > You might try Davis RF. I've found them to be good people to deal with.
> > > > They list RG174 as one of the products they carry.
> > > >
> > > > Web page: <http://www.davisrf.com/ham1/coax.htm>
> > > >
> > > > 73,
> > > > Vance, WA9YDJ
> > >
> > >

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Affordable web site hosting under your domain name!
C/C++, Perl, CGI, RDBMS, Web site creation and
Network Administration

Date: Tue, 16 May 2000 23:04:05 -0400
From: Michael Bower - N4NMR <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [70388] Re: QRP-L CD Ver. 3 - Distributors
Message-ID: <4.3.1.0.20000516230148.00b7ecd0@popd.ix.netcom.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I will get something more definitive out tomorrow but basically my plan is the same as Jim's. I will also set up a PayPal account and post that for those who want use that.

Michael Bower - N4NMR

My mailing address is:

Michael Bower -N4NMR
43304 Wayside Circle
Ashburn, VA 20147-4621

If you would please mark "QRP-L CD 3" or something of that nature on the outside.

Michael

At 06:52 PM 5/16/2000 -0400, John J. McDonough wrote:

>Gang,

>

>So you don't all bury Jim, here's the status of the various QRP-L CD

>distributors:

>

> AL7FS

> N4NMR - Have both received their CD's.

>

> VK2KFA

> EA2SN - Mailed 5/11, should see them soon.

>

> G0UKB

> N7KT - Just got their mailers, should be in the mail Friday morning

> unless I get a sudden urge to drive to Dayton.

>

>I expect at least a couple more stateside distributors soon.

>

>72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>

>didileydadidah QRP-L #1446 Code Warriors #35

>

>

Date: Tue, 16 May 2000 20:14:30 -0700

From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@Lehigh.EDU
Subject: [70389] SELL: TT Argonaut II HF XCVR
Message-ID: <39220E96.C84BB437@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a Ten-tec Argonaut II model 535 QRP 160-10M multimode HF transceiver in excellent physical and electrical condition. I am the second owner of this rig and it has been well cared for. Never out of the shack and looks like brand new. I include both the the operations/service manual and model 700 hand mic. Purchased another rig and need the room... \$625.00 OBO... Thanks

Pat, AA7FG - Oregon

Date: Tue, 16 May 2000 23:31:25 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70390] FS: Proto boards for homebrew
Message-ID: <3922209C.E5FADCB3@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Prototype Boards
Radio Shack # 276-152

"One pad per hole" on .100 centers
22 pin card edge connector

cards are approx 4" X 4.5"

\$1.00 each

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 16 May 2000 21:33:17 -0700
From: Robert Marlan <rsm@halcyon.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [70391] QRP-L CD Ver. 3 - online availability???
Message-ID: <4.3.1.2.20000516213109.0256b040@mail.halcyon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Since many have high speed access (ie cable /dsl),
why doesn't someone put this online so we can simply download it.
If we put it in iso format we can burn a perfect replicate CD.
It seems so old world snail mailing a CD if we have high speed access..

Thanks
Robert KA6NOC/7

Date: Tue, 16 May 2000 23:33:07 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70392] FS: FT-243 crystals (approx 40 Meters)
Message-ID: <39222103.FA0C5CC@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

FT-243 crystals

Thirteen crystals from
6050 Khz to 7275 Khz (no 7000 Khz) in 25 Khz steps

\$40.00 for all OBO + shipping

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 16 May 2000 23:35:50 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70393] FS: Magnetic circuit breakers
Message-ID: <392221A6.8E023E09@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking to reduce the size of my junkbox :-)

For Sale:

Misc Magnetic DC circuit breakers
New or little use except as marked

All \$10.00 each except as marked

Spade lug connectors:

I think these can be used for Ten-Tec Century 21:

2 -- AIRPAX UPG1-9497-16 amps @ 65 VDC

1 - AIRPAX UPG1-9502-1 8 amps @ 65 VDC

I think these two are for Ten-Tec Argosy:

1 - AIRPAX T15-1-10.0A-06-312B8 10 amps @ 32 VDC Used

1 - AIRPAX T15-1-10.0A-06-312B8 10 amps @ 32 VDC Used, paper label
off, works -- \$5.00

1 - AMF W67X2Q1-0-10 10 amps @ 65 VDC

with screw terminals:

1 - Heinemann JA1-V3-A 10 amps @ 65 VDC

with screw terminals:

2 - AIRPAX IPG6-1-51-403-00-V 40 amps @ 32 VDC

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX

Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)

QRL? de N4ELM/qrp

Date: Tue, 16 May 2000 14:22:46 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [70394] Dayton: SWL at booth #242
Message-ID: <000201bfbf7e\$1aea2400\$4a1f1c3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

I'm pleased to announce that Small Wonder Labs will be at booth #242 (in 'QRP Row'). I'll have a few of the popular 'DSW' series kits on hand.

I'll also be showing the new 'PSK-20', the dedicated 20-meter PSK31 rig. They're now in production, and I'll have as many of those with me as we can kit before exhaustion sets in! You may also find me at the QRP Hospitality suite in the evenings, of course.

This is shaping up to be another exciting year for QRP, and I look forward to seeing each of you at Dayton!

Thanks and 73-

Dave Benson, NN1G
Small Wonder Labs

Date: Wed, 17 May 2000 02:40:20 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Robert Marlan <rsm@halcyon.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70395] Re: QRP-L CD Ver. 3 - online availability???
Message-ID: <Pine.OSF.4.21.0005170239090.4664-1000000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmm... did I just hear a voluteer?!? 73 =paul= w8kc

On Tue, 16 May 2000, Robert Marlan wrote:

> Since many have high speed access (ie cable /dsl),
> why doesn't someone put this online so we can simply download it.
> If we put it in iso format we can burn a perfect replicate CD.
> It seems so old world snail mailing a CD if we have high speed access..
>
> Thanks
> Robert KA6NOC/7
>
>

Date: Tue, 16 May 2000 23:54:56 -0700
From: Dave Fifield <fifield@pacbell.net>
To: mgipe@reliablemeters.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70396] Re: New Elecraft rig
Message-ID: <004b01bfbfcc\$eebd9a20\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Whoa! Check it out - RECESSED SCREWS!!! Doug will be pleased!

72, Dave Fifield, AD6A

----- Original Message -----

From: Mike Gipe <mgipe@reliablemeters.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, May 16, 2000 2:30 PM
Subject: New Elecraft rig

> Check out the new Elecraft kit at www.elecraft.com
>
> Mike K1MG
>

Date: Wed, 17 May 2000 01:06:30 PDT
From: "Leon Heller" <leon_heller@hotmail.com>

To: mitymik@wenet.net, qrp-1@Lehigh.EDU
Subject: [70397] Re: o'scopes...
Message-ID: <20000517080630.6817.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Subject: o'scopes...
>Date: Tue, 16 May 2000 13:32:09 -0700
>
>there were several mentions of an individual that has good prices on
>used 'scopes...i'm not ready to buy, but i am ready to start looking for
>one. suggestions?
>

I recently bought a used Tek 2235 (100 MHz) at a good price. It is still within its calibration period and looks almost as good as new. It's a very nice 'scope, quite small and portable.

I also got two oldish Marconi 2019A synthesised signal generators from different sources. One was allegedly faulty, so I got it really cheap, but I think the fault was just "finger trouble", as I seem to have cured it via the keyboard. Having two of them means that I can use one as a local oscillator when experimenting with front ends.

73, Leon

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Wed, 17 May 2000 04:42:16 EDT
From: K4NK@aol.com
To: qrp-1@lehigh.edu
Subject: [70398] DAYTON
Message-ID: <9d.5826a14.2653b568@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Five , four , three , two.....ONE.. it's about 5am here in South Carolina and were off to Dayton. Hope to see my many QRP friends out there.

72 Les Shattuck K4NK
ARCI Club Historian & Past President
ARRL Vice Director Roanoke Division

Date: Wed, 17 May 2000 06:58:55 -0400
From: Michael Bower - N4NMR <bowerm@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [70399] QRP-L CD Vol 3 - another distributor (with PayPal)
Message-ID: <4.3.1.0.20000517065255.00a68ef0@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

This is the same announcement as Jim (AL7FS) but with my ordering info. Thanks, Jim, for sharing it.

Greetings from Virginia!!

QRP-L CD Version 3.0 CD-ROM

(Received May 15 from WB8RCR...Thanks, John for all the work coordinating this.)

>From the CD: Well, it's finally here! Version 3 of the QRP-L CDROM, and since version 2, we've had a lot of changes on the list, the startup of QRP-F, a much more active and aggressive QRP ARCI, and a new millennium! This CD contains the entire QRP-L archive for the 20th century, as well as a few months of the 21st. (1993 through sometime in April 2000)

Much of the material for this one is the same as Volume 2, except, of course, for the updated archives. (look below signature block for an extract of info (long)). If you have anything you can contribute, please send it along to WB8RCR for the next release. I'm sure your fellow QRPers would appreciate your sharing.

I (WB8RCR) have included the latest version of QSLMaker - you saw it here first! And also in the QSLMaker directory is a set of new background bitmaps. These are especially for ARCI members (QRP Amateur Radio Club International) who want to display the ARCI logo on their card.

There are links to the HTML directories and the QRP-L archives.

QRP-L Archives
Chuck Adams, K7Q0, pictures (see below signature block)
Glen Leinweber, VE3DNL, Elmer101 Web Page
and much more

=====
Ok, now how to get your own Version 3 copy of the CD. de N4NMR

I'm (N4NMR) ready to take orders for the QRP-L CD Version 3, dated May 7, 2000.

I can supply a blank CD or accept one from you.

Plan A: Your blank CD

Put a blank CD in one of those plastic sleeves (i.e. don't send the jewel box). Put this CD in a sturdy cardboard mailer. Put your mailing address on the mailer. Put postage on the mailer. (Typical postage is 55 cents, though if you use a bubble mailer or one of those thick padded mailers it might be 78 cents.) Now put this mailer into a larger (of course) mailer addressed to me (see below). Write your name AND email address on a small slip of paper and enclose it as well.

Plan B: I provide blank CD

Send a check for \$10 payable to "Jim Larsen" to me (see below). Please enclose a self-adhesive mailing label with your mailing address. Write your name AND email address on a small slip of paper and enclose it as well. If you don't have a self-adhesive label just put your mailing address neatly on a piece of paper that I can cut out and tape to the package.

Send your package or envelope to:

Michael Bower - N4NMR
43304 Wayside Circle
Ashburn, VA 20147-4621

You may also submit a request via PayPal (www.paypal.com). My address on PayPal
is the same as here - bowerm@ix.netcom.com

Upon receipt, I will email you to confirm receipt of your package--IF you remembered to enclose your email address :-)

Questions? Send email to me at bowerm@ix.netcom.com. Please make the subject line
"QRP-L CD Question".

73,
Michael
--

Michael Bower - N4NMR
Ashburn, Virginia bowerm@ix.netcom.com
QRP ARCI Check out <http://www.qrparci.org/>

=====

=====

QRP-L Archive

Yearly Indices

* Subject Indices

* Sequential Indices

Subject Word Indices

* All Years

=====

KB0HQU's Pixie and SMiTe files

=====

NEC2 - The NEC antenna design program

=====

PCPGMS - Misc Utilities

=====

RUFZ - The RUFZ morse code program

=====

SPIICE - Spice modeler and many of the models included

=====

WB8RCR - QSLmaker and some graphics - The latest version

=====

Elmer101 Discussion of the SW40+ CW Transceiver

VE3DNL

The Small Wonder Labs SW40+ radio is a simple kit designed and distributed by Dave Benson. The Elmer101 project uses this kit as a learning tool so that you can discover how radio receiving and transmitting circuits work. <material deleted for brevity>

You can e-mail me any questions you have on the material below to:
leinwebe@mcmaster.ca Please include "elmer101" in the subject line.

part-by-part dictionary of SW 40+ kit

A Colpitts VFO oscillator

SA612: A Gilbert-Cell Transmit Mixer

7MHz. Bandpass filter and Transmit Linear Amplifier

Transmit/Receive switching circuits

Receiver Front End

Crystal Ladder I.F. filter

Receiver's Audio Amplifier Circuits

Q6 final RF Amplifier

Acoustically Resonant Loudspeaker

The R2 Single Sideband Receiver Revisited: the R2a

R2a photo all boards mounted

R2a Preamp & quadrature tuning board

A "Fireball" - type 1.6W transmitter on 28.322MHz

Photo of homebrew Fireball

Dummy Loads, RF voltage, RF current probes

=====

A sample of Chuck Adams (father of QRP-L) material:

K5FO's Stuff for QRP-L CDRom (list not 100% complete, there's more)

- Small straight key
- NN1G rig in TenTec case
- Shur straight key
- Bunnell straight key
- McElroy straight key
- NC40a XCVR
- Tejas Keyer and Envirotronic paddle
- Envirotronic paddle
- MFJ-840 wattmeter that will work at HF
- NC40a XCVR
- Ungar tip on a Weller iron that I use
- Heath IM2410 counter and GC-1000 clock at 3.6000000MHz WWV
- Kent paddle
- March paddle
- March paddle
- OHR DD-1 Digital display
- GM-30 in TenTec case with vinyl covering
- NN1G SWL GM-30 in TenTec case
- Sierra XCVR from Wilderness Radio
- Original Sierra XCVR kit
- CMOS III keyer in TenTec case
- Band module from Sierra kit
- Receiver from MXM
- VE3DNL frequency marker
- SWL-40 from NN1G's Small Wonder Labs
- Helping hand made from wood and wooden clothespins
- TenTec case with NN1G rig inside
- SWL GM-30 board assembled
- OHR Explorer II kit
- MFJ-249 SWR Analyzer
- K5FO case with NN1G 20 meter XCVR inside
- NC40a from Wilderness Radio
- Original NorCal 40a kit
- OHR DD-1 insides
- OHR WM-1 Wattmeter
- OHR 100 XCVR
- NN1G GM-17 17 meter XCVR
- Vibroplex Brass Racer S/N #1
- NN1G GM-17 17 meter XCVR
- Mercury Paddle
- CMOS III Keyer Kit
- Envirotronic Paddle
- Heathkit PSA-9 12V P/S for HW-9 XCVR

RF Probe built ugly construction style
WBL V22 paddle
WBL V2L paddle
NN1G's new DSW-40 40 meter digital synth. rig
OHR100 40M version
NN1G GM-30 kit
SW-40+ prototype kit from NN1G
NorCal 20 Kit being assembled
NorCal 38 Special Kit
Restored Brown Bros paddle
Vibroplex presentation bug
TenTec 1340 XCVR kit brand new
Crystal checker, VE3DNL and ARRL marker generator
Bencher chrome paddle
G4ZPY mini paddle
NorCal 20 XCVR
Handmade paddle from Czechoslovakia
Handmade paddle from Czechoslovakia
SST 30 XCVR
Zeit WWV clock
SST 30 with paddle
Casio model DQ 712 clock
Restored Bunnell straight key
Key restoration projects
NN1G Freq-Mite kit
K8IQY 2N2222 XCVR
NN1G SW-40+ XCVR
K8IQY Rig
Brown Brothers Paddle restored by K5F0
SST 40 kit being built without instructions
SST 40 kit
ARRL CD for Introductory Morse
MFJ Morse Tutor
SWL 20+
AADE L/C meter with K5F0 patented gizmo
Ever wonder what's in a crystal?
TenTec external VFO for Corsair I
Corsair I from TenTec, the best rig I own
GM-30 kit

=====

Date: Wed, 17 May 2000 07:44:36 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [70400] Re: QRP-L CD Ver. 3 - online availability???

Message-ID: <003e01bfbff5\$47d07600\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> Since many have high speed access (ie cable /dsl),
> why doesn't someone put this online so we can simply download it.
> If we put it in iso format we can burn a perfect replicate CD.
> It seems so old world snail mailing a CD if we have high speed access..
>
> Thanks
> Robert KA6NOC/7
>

Robert,

The daily archives are already online at lehigh.edu, but it takes a little detective work to find it. Also, each daily file is compressed using a Unix compression utility. (I forget which one. It's the one that leaves the file with a .Z extension. Winzip understands it.) If you do go looking for it, be aware that the compressed archives for 1993-1997 are 60 megabytes.

Forgive me if I don't give the URL, but I don't want to interfere with the CD distributors' efforts.

Dave

David Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 17 May 2000 07:51:03 -0400
From: Jerry p Albertin <jalbertin@juno.com>
To: qrp-l@lehigh.edu
Subject: [70401] FS: MFJ 9015
Message-ID: <20000517.075105.-157143.0.jalbertin@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I got this rig and find I my work schedule is not compatable with 15 meters, so it is available. It is 9 out of 10 and works FB. Made a few

overseas contacts with it when I was home during the day (and the band was open)

It is revision 5a and the RIT has the center detent. Comes with original box and documentation.....\$100 shipped con us

Jerry kg2jff

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 17 May 2000 07:03:05 -0500
From: Richard Matthews <prm@hiwaay.net>
To: nn1g@earthlink.net, qrp-l@lehigh.edu
Subject: [70402] Re: Dayton: SWL at booth #242
Message-ID: <3.0.1.32.20000517070305.00956ea0@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:22 PM 5/16/00 -0700, you wrote:

>gang-

>

>I'm pleased to announce that Small Wonder Labs will be at booth #242 (in
>'QRP Row'). I'll have a few of the popular 'DSW' series kits on hand.

>

>I'll also be showing the new 'PSK-20', the dedicated 20-meter PSK31 rig.
>They're now in production, and I'll have as many of those with me as we can
>kit before exhaustion sets in! You may also find me at the QRP Hospitality
>suite in the evenings, of course.

>

>This is shaping up to be another exciting year for QRP, and I look forward
>to seeing each of you at Dayton!

>

>Thanks and 73-

>

>Dave Benson, NN1G

>Small Wonder Labs

.....

Good luck at Dayton Dave and thank you for providing, what I believe, are the best QRP rigs for the money that are available to QRP ops. I am well pleased with both my DSW-40 and DSW-30 and plan to purchase the PSK-20 soon, knowing it will be of the same high quality.

73,

Richard WA4NWW, just a happy customer of SWL

Date: Wed, 17 May 2000 07:39:06 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70403] RE: FS FT-243 crystals - SOLD!
Message-ID: <392292EA.9B4F1C0A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The crystals are sold.
Thanks for the response.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Wed, 17 May 2000 08:39:01 -0400
From: Shawn Upton <shawn-upton@aiken.eng.orgella.com>
To: "'Steve Thompson'" <steve@xcvr.com>
Cc: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [70404] RE: CW
Message-ID: <01BFBFDB.5A932900.shawn-upton@aiken.eng.orgella.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Wow, alot of quick responses! Sounds like I am close to the right track.
As for real QSO's, guess I ought to break out the radio. Only thing is,
all I have is the TenTec 1340, currently on a very non-resonant indoor wire
(I won't even call it an antenna). I think I can stretch out a dipole
temporarily to a tree and listen to 40 (~7.060 to 7.146) and see if I can
start to copy real QSO's.

Thanks for all the suggestions; hope to catch someone on air before too
long!

Shawn Upton

KB1CKT

-----Original Message-----

From: Steve Thompson [SMTP:steve@xcvr.com]
Sent: Tuesday, May 16, 2000 6:37 PM
To: shawn-upton@aiken.eng.orgella.com
Cc: qrp-1@Lehigh.EDU
Subject: Re: CW

Hi Shawn -

You will hear many opinions on this ... so, here's mine:

If you are shooting for a target speed, set your character speed a few over that target speed. For example, if you want to be proficient at 20wpm, listen to the chars at 22-24 wpm that way the 20wpm will be a bit easier when you go to copy it! Increase the spacing speed with your learning and progression.

BUT, I will make the absolute most important recommendation: Get *on the air* and listen to real-time CW as much as you can on the bands ... when possible, substitute live CW for any recordings or CW-generating software. It's tough to judge speeds on the air, but copy what you're almost comfortable with and go from there. Be sure to push your "comfort zone". There's no short cut to copying higher speeds ... it just takes lots of practice! (I'm always practicing)

Steve N7TX

Date: Wed, 17 May 2000 08:47:40 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: <qrp-1@lehigh.edu>
Cc: <wa8mcq@erols.com>, <w4qo@amsat.org>
Subject: [70405] SMT parts at Dayton again
Message-ID: <000d01bfbffe\$17f82500\$8934fea9@l8a3h1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With SMT fever hitting new highs, there are probably a lot of people who'd like good sources of parts at good prices. Many of you are familiar with "Baggybob," the guy who sells SMT parts in baggies at a dollar per bag. I

missed Dayton last year, but except for that I've bought from him there every year since 1995. My wife doesn't know this, but I've dropped over a hundred dollars on him over the years :-). He also sells by mail order, and I've posted occasional announcements for him on qrp-l. He'll be at Dayton again this year, and he asked me to forward a note to qrp-l.

I've found his prices to be quite good, perhaps the best I've seen anywhere. Interestingly, he even has surface mount mica capacitors! Or at least he used to, and I bought a lot of those, too. With luck, he'll still have some of those. They're good for building small low pass filters.

Usual disclaimers--no association other than as a satisfied customer.

Here's what he asked me to forward--

It's that time again ! I worked a lot of overtime this last year and let the mail order lapse somewhat but we will be at Dayton this week. Please post the following message to the QRP list and hope to see you there

thanks,
bob k

We will be at Dayton Friday, and Saturday at spaces 4055 & 4056. We have SMT resistor kits, NP0 chip caps, tantalums, smt diodes & transistors in smaller quantities which makes them very affordable for stocking up.

Special chip resistor assortments (50 different values) 2/\$15

If you can't make it e-mail for a list of what's available.
baggybob@execpc.com

BTW, I bought one of his chip resistor assortments when they were \$10 each. (As I recall, the values only went as high as 360K, or something like that, but that's not a major problem.)

73 and queue our pea DE WA8MCQ

Date: Wed, 17 May 2000 08:45:16 -0400
From: Stanley A McIntosh <mcintos@basf-corp.com>
To: qrp-l@Lehigh.EDU
Subject: [70406] FS: TT Century 21
Message-ID: <852568E2.0045652B.00@basf-corp-gw01.basf-corp.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

My friend, a non-subscriber (nicklaj@basf.com) still has the TT-Century 21 for sale, and is reducing his asking price to \$125 plus shipping. Please contact him, not me.

72
stan

Date: Wed, 17 May 2000 07:54:34 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70407] RE: FS small solar panels - SOLD!
Message-ID: <3922968A.8B74BA8E@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The small Arco panels are spoken for.

Thanks for the response.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Wed, 17 May 2000 08:52:47 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <leon_heller@hotmail.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [70408] RE: o'scopes...
Message-ID: <000101bfbffe\$ce2828c0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you're lookin' fer a scope, you may want to try contacting Gary Reuter

(he pronounces it "rooter"), W1CEK. I purchased a clean working Tektronix 465B, with two new probes, from him for not too much money. He's a dealer of used test and lab equipment. Reach him in Kittery, Maine at 207-439-0662, or -1837; fax: 207-439-6393. E-mail: varoom@star.net.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Leon Heller

Sent: Wednesday, May 17, 2000 4:07 AM

To: Low Power Amateur Radio Discussion

Subject: Re: o'scopes...

>Subject: o'scopes...

>Date: Tue, 16 May 2000 13:32:09 -0700

>

>there were several mentions of an individual that has good prices on
>used 'scopes...i'm not ready to buy, but i am ready to start looking for
>one. suggestions?

>

I recently bought a used Tek 2235 (100 MHz) at a good price. It is still within its calibration period and looks almost as good as new. It's a very nice 'scope, quite small and portable.

I also got two oldish Marconi 2019A synthesised signal generators from different sources. One was allegedly faulty, so I got it really cheap, but I think the fault was just "finger trouble", as I seem to have cured it via the keyboard. Having two of them means that I can use one as a local oscillator when experimenting with front ends.

73, Leon

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Wed, 17 May 2000 07:58:57 -0500

From: Dave Redfearn <n4elm@home.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [70409] UPdate: FS: Magnetic circuit breakers

Message-ID: <39229791.423EC2D1@home.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I think these two are for Ten-Tec Argosy:

ON HOLD > 1 - AIRPAX T15-1-10.0A-06-312B8 10 amps @ 32 VDC Used

SOLD> 1 - AIRPAX T15-1-10.0A-06-312B8 10 amps @ 32 VDC Used, paper
label

> off, works -- \$5.00

>

These can also be used for the Argosy, they are just larger than AIRPAX
that Ten-Tec used.

> 1 - AMF W67X2Q1-0-10 10 amps @ 65 VDC

>

> with screw terminals:

> 1 - Heinemann JA1-V3-A 10 amps @ 65 VDC

>

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 16 May 2000 08:48:41 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@lehigh.edu, Webmaster@ellermedia.com
Subject: [70410] FS: Yaesu 2m/440
Message-ID: <20000516.084851.-241769.1.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I'm writing this for my buddy Russ,KG6IP, who's travelling someplace in
the world on business.

Yaesu 4700RH 2m/440 dualband mobile rig and Diamond trunk lip mount NMO
antenna system including diplexer,whip, extra speaker, mobile bracket,
etc. \$300 + shipping.

Please respond directly to Russ at Webmaster@ellermedia.com

Tnx

Marv Fagenson

k6hcj@Juno.com

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 17 May 2000 09:09:07 -0700

From: paul taylor <ptay1@miro.bestweb.net>

To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>

Subject: [70411] FS vibrokeyer

Message-ID: <3.0.32.20000517084842.00689230@pop.bestweb.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I have a vibrokeyer in mint shape which I don't use.

\$65. (new \$120)

paul wb2gin

Date: Wed, 17 May 2000 08:10:41 -0500

From: Karl Kanalz <KKanalz@excel.com>

To: "'tbry37@ici.net'" <tbry37@ici.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [70412] RE: Mobile antennas

Message-ID: <2D343922E283D211945C0008C7A41B2A02B20B7C@adntex01.adsn.dal.excel.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Definitely, the only way to go, Thaire, is with a *genuine* Texas Bug
Catcher from

GLA Systems, in Caddo, Texas (K5BUG is the owner, and has a web site).

Highest

Q and best efficiency. Maybe not as convenient as a "screwdriver-type"
antenna, but
works like gangbusters!

For a truly nifty, low-profile mount for *any* mobile h.f. antenna (even a
HamStik!),
try the site at:

www.geotool.com <<http://www.geotool.com>>

They make a nifty mount that fits into the stake pocket of pickup trucks (I use one on my '96 Chevy truck).

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Thaire Bryant [mailto:tbry37@ici.net]
Sent: Tuesday, May 16, 2000 7:27 PM
To: Low Power Amateur Radio Discussion
Subject: Mobile antennas

I have seen threads before concerning mobile antennas. Now I own a Ford F150, and would like some suggestions as to a mobile antenna for QRP. Outbacker??

Thaire W2APF

Date: Wed, 17 May 2000 06:30:28 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'ianpurdie@integritynet.com.au'" <ianpurdie@integritynet.com.au>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70413] RE: The cheapest Spectrum Analyser
Message-ID: <BFEF3386986D2119C0800A0C99B5DE601772CD1@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I built the project and it does work surprisingly well, it is however not a project for the faint of heart, there were a few faults in the diagrams that took some working through that may have proved nasty to someone unfamiliar with fault tracing. It was a full size PC card double sided board that could be run internally or as I chose to do from the parallel port. There was also another part to the article about a year later that entailed a Tracking generator, again a serious project that I have never completed, all the surface mount parts are on the board but never got to finish it :-(

Dave Barrett VA7DB (Ex VE7PCC)
Vancouver BC Canada

-----Original Message-----

From: Ian C. Purdie VK2TIP [mailto:ianpurdie@integritynet.com.au]
Sent: Tuesday, May 16, 2000 5:26 PM

To: Low Power Amateur Radio Discussion
Subject: Re: The cheapest Spectrum Analyzer

FWIW there was a couple of years back an interesting and relatively cheap SA project/kit in several issues of Electronics Now.

It was a card for your computer, didn't build it but remember it sold for about \$200

Seem to remember it was a relatively ambitious project, smt etc., skilful screening and so on. Never read any negative feedback <g>

--

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Wed, 17 May 2000 08:35:23 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: [qrp-l](mailto:qrp-l@lehigh.edu) <qrp-l@lehigh.edu>
Subject: [70414] Do you know Rex Harper, W1REX?
Message-ID: <Pine.LNX.4.10.10005170833480.31586-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

He sent me a note about Dayton 6 days ago.

He's not answering e-mails and hasn't followed up to his last note.

I can't find his phone number.

We're supposed to be sharing a room and I don't even know if he's making the trip...

If you know him, please have him call me at the number below. I'll eventually get the message.

Thanks!

Scott Rosenfeld ARS N7JI

541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 17 May 2000 09:39:18 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [70415] Update: FS: Dip meter, rig, books, etc.
Message-ID: <3922A106.B5DA1AA5@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey guys. The following items have been spoken for.

Heathkit Dip meter
QRP rig accessory box
"Reference Data for Radio Amateurs" (book)
"IC Projects for Amateur & Experimenter" (book)

Thanks for all the replies so far!

73

--

Michael F. Danchi, KE4TSA
Violinist
"Guardian 7"

Date: Wed, 17 May 2000 09:37:51 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [70416] QRP-L CD Vol 3 - another distributor (with PayPal) WITH
CORRECTION
Message-ID: <3922A0AF.E4292BE5@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The following message sent early this morning. Must have been too
early. The correction is that any requests sent to me should include
made out to me as well. Sorry, Jim. I like to think I'm generous but

not that generous (hi-hi). Correction below

This is the same announcement as Jim (AL7FS) but with my ordering
info. Thanks, Jim, for sharing it.

Greetings from Virginia!!

QRP-L CD Version 3.0 CD-ROM

(Received May 15 from WB8RCR...Thanks, John for all the work
coordinating this.)

>From the CD: Well, it's finally here! Version 3 of the QRP-L CDRom,
and
since version 2, we've had a lot of changes on the list, the startup of
QRP-F, a much more active and aggressive QRP ARCI, and a new millennium!

This CD contains the entire QRP-L archive for the 20th century, as
well as a few months of the 21st. (1993 through sometime in April 2000)

Much of the material for this one is the same as Volume 2, except, of
course, for the updated archives. (look below signature block for an
extract of info (long)). If you have anything you can contribute, please

send it along to WB8RCR for the next release. I'm sure your fellow
QRPers would appreciate your sharing.

I (WB8RCR) have included the latest version of QSLMaker - you saw it
here first! And also in the QSLMaker directory is a set of new
background bitmaps. These are especially for ARCI members
(QRP Amateur Radio Club International) who want to display the
ARCI logo on their card.

There are links to the HTML directories and the QRP-L archives.

QRP-L Archives

Chuck Adams, K7Q0, pictures (see below signature block)

Glen Leinweber, VE3DNL, Elmer101 Web Page

and much more

=====
Ok, now how to get your own Version 3 copy of the CD. de N4NMR

I'm (N4NMR) ready to take orders for the QRP-L CD Version 3, dated May
7, 2000.

I can supply a blank CD or accept one from you.

Plan A: Your blank CD

Put a blank CD in one of those plastic sleeves (i.e. don't send the jewel box). Put this CD in a sturdy cardboard mailer. Put your mailing address on the mailer. Put postage on the mailer. (Typical postage is 55

cents, though if you use a bubble mailer or one of those thick padded mailers it might be 78 cents.) Now put this mailer into a larger (of course) mailer addressed to me (see below). Write your name AND email address on a small slip of paper and enclose it as well.

Plan B: I provide blank CD

Send a check for \$10 payable to "Michael Bower" to me (see below).

Please

enclose a self-adhesive mailing label with your mailing address. Write your name AND email address on a small slip of paper and enclose it as well. If you don't have a self-adhesive label just put your mailing address neatly on a piece of paper that I can cut out and tape to the package.

Send your package or envelope to:

Michael Bower - N4NMR
43304 Wayside Circle
Ashburn, VA 20147-4621

You may also submit a request via PayPal (www.paypal.com). My address on

PayPal

is the same as here - bowerm@ix.netcom.com

Upon receipt, I will email you to confirm receipt of your package--IF you remembered to enclose your email address :-)

Questions? Send email to me at bowerm@ix.netcom.com. Please make the subject

line

"QRP-L CD Question".

73,

Michael

--

Michael Bower - N4NMR
Ashburn, Virginia bowerm@ix.netcom.com
QRP ARCI Check out <http://www.qrparci.org/>

=====

=====

QRP-L Archive

Yearly Indices

 * Subject Indices

 * Sequential Indices

Subject Word Indices

 * All Years

=====

KB0HQU's Pixie and SMiTe files

=====

NEC2 - The NEC antenna design program

=====

PCPGMS - Misc Utilities

=====

RUFZ - The RUFZ morse code program

=====

SPIICE - Spice modeler and many of the models included

=====

WB8RCR - QSLmaker and some graphics - The latest version

=====

Elmer101 Discussion of the SW40+ CW Transceiver
VE3DNL

The Small Wonder Labs SW40+ radio is a simple kit designed and distributed by Dave Benson. The Elmer101 project uses this kit as a learning tool so that you can discover how radio receiving and transmitting circuits work. <material deleted for brevity>

 You can e-mail me any questions you have on the material below to:

leinwebe@mcmaster.ca Please include "elmer101" in the subject line.

part-by-part dictionary of SW 40+ kit

A Colpitts VFO oscillator

SA612: A Gilbert-Cell Transmit Mixer

7MHz. Bandpass filter and Transmit Linear Amplifier

Transmit/Receive switching circuits

Receiver Front End

Crystal Ladder I.F. filter

Receiver's Audio Amplifier Circuits

Q6 final RF Amplifier

Acoustically Resonant Loudspeaker

The R2 Single Sideband Receiver Revisited: the R2a

R2a photo all boards mounted

R2a Preamp & quadrature tuning board

A "Fireball" - type 1.6W transmitter on 28.322MHz

Photo of homebrew Fireball

Dummy Loads, RF voltage, RF current probes

=====

A sample of Chuck Adams (father of QRP-L) material:

K5FO's Stuff for QRP-L CDRom (list not 100% complete, there's more)

- Small straight key
- NN1G rig in TenTec case
- Shur straight key
- Bunnell straight key
- McElroy straight key
- NC40a XCVR
- Tejas Keyer and Envirotronic paddle
- Envirotronic paddle
- MFJ-840 wattmeter that will work at HF
- NC40a XCVR
- Ungar tip on a Weller iron that I use
- Heath IM2410 counter and GC-1000 clock at 3.6000000MHz WWV
- Kent paddle
- March paddle
- March paddle
- OHR DD-1 Digital display
- GM-30 in TenTec case with vinyl covering
- NN1G SWL GM-30 in TenTec case
- Sierra XCVR from Wilderness Radio
- Original Sierra XCVR kit
- CMOS III keyer in TenTec case
- Band module from Sierra kit
- Receiver from MXM
- VE3DNL frequency marker
- SWL-40 from NN1G's Small Wonder Labs
- Helping hand made from wood and wooden clothespins
- TenTec case with NN1G rig inside
- SWL GM-30 board assembled
- OHR Explorer II kit
- MFJ-249 SWR Analyzer
- K5FO case with NN1G 20 meter XCVR inside
- NC40a from Wilderness Radio
- Original NorCal 40a kit
- OHR DD-1 insides
- OHR WM-1 Wattmeter
- OHR 100 XCVR
- NN1G GM-17 17 meter XCVR
- Vibroplex Brass Racer S/N #1
- NN1G GM-17 17 meter XCVR
- Mercury Paddle
- CMOS III Keyer Kit
- Envirotronic Paddle
- Heathkit PSA-9 12V P/S for HW-9 XCVR

RF Probe built ugly construction style
WBL V22 paddle
WBL V2L paddle
NN1G's new DSW-40 40 meter digital synth. rig
OHR100 40M version
NN1G GM-30 kit
SW-40+ prototype kit from NN1G
NorCal 20 Kit being assembled
NorCal 38 Special Kit
Restored Brown Bros paddle
Vibroplex presentation bug
TenTec 1340 XCVR kit brand new
Crystal checker, VE3DNL and ARRL marker generator
Bencher chrome paddle
G4ZPY mini paddle
NorCal 20 XCVR
Handmade paddle from Czechoslovakia
Handmade paddle from Czechoslovakia
SST 30 XCVR
Zeit WWV clock
SST 30 with paddle
Casio model DQ 712 clock
Restored Bunnell straight key
Key restoration projects
NN1G Freq-Mite kit
K8IQY 2N2222 XCVR
NN1G SW-40+ XCVR
K8IQY Rig
Brown Brothers Paddle restored by K5F0
SST 40 kit being built without instructions
SST 40 kit
ARRL CD for Introductory Morse
MFJ Morse Tutor
SWL 20+
AADE L/C meter with K5F0 patented gizmo
Ever wonder what's in a crystal?
TenTec external VFO for Corsair I
Corsair I from TenTec, the best rig I own
GM-30 kit

=====

Date: Wed, 17 May 2000 07:44:02 -0600
From: Steve Kubisch <WW7Y@sisna.com>

To: qrp-1@lehigh.edu
Subject: [70417] OT: Kenwood TM-261A problem question???
Message-ID: <3922A222.D2FEEB47@sisna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry to post this here, but can't find the answer elsewhere.

Does any owner of a Kenwood TM-261 two meter rig know the correct method to enter Alphanumeric names into memory for the memory channels?? The manual is wrong and I have lost the included errata sheet that came with the radio that had the correct info. If you know the answer or have the errata sheet, please E-mail me direct.

73,

--

Steve Kubisch -WW7Y-
640 East 250 North
Centerville, Utah 84014
WW7Y@sisna.com

Date: Wed, 17 May 2000 10:16:13 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: qrp-1@lehigh.edu
Subject: [70418] FS: QRP Rigs FS
Message-ID: <XFMail.000517101613.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Spring Shack Cleaning time.

Norcal NC-20 with Doug Hauff fancy case. Only mod is new 8v regulator so NO chirp. \$100 shipped

OHR-400 with DD-1 and SCAF. (package only). excellent. \$265 shipped

Please reply off list.

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
/ _/_ _/_ _/_ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

Date: Wed, 17 May 2000 09:47:10 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [70419] Small Wonder PSK-20 question
Message-ID: <200005171447.JAA23117@mail.lib.colum.edu>

I've already sent in my order, so I suppose I'll find out soon enough, but maybe one of you enthusiastic early reviewers can tell me:

Is it really necessary to dedicate an entire RS-232 port of the PC to operate a push-to-talk line with this rig? I'm guessing that it is, since there is probably no VOX circuit in the PSK-20 design.

There are never enough serial ports. Seems like a waste to use one just to get a single data line toggle...

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Wed, 17 May 2000 11:46:41 -0400
From: "Joe Malloy" <jmalloy@hamilton.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [70420] RE: DSW-XX Which band?
Message-ID: <000301bfc017\$1877fa00\$cfd783d0@mozart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, David, I'd say 20 meters -- the band is relatively hot these days and DX is pretty easy to come by, regardless of power. You have some rigs that work 40 already (do you have a separate receiver?), so I wouldn't bother duplicating that band, at least not yet if you're limited to just one

additional rig for the time being. You might want to consider the new Elecraft K1 dual-band transceiver (~\$270) -- it's small and might be worth your while. At any rate, you won't go wrong with *any* DSW rig you choose.

Good luck!

72,

Joe, W2RBA

-----included message-----

It looks like the only rig I'll have for a while after the ticket comes will be a DSW. (Plus a Tuna Tin 2, Fireball 40, and a Snap) I like the DDS VFO feature and will happily live with the receiver. The question is:

If you have to work just one band, which one would it be?

I won't bias anyone with my thoughts, I just want to hear what everyone thinks.

David Porter
dporter@voicenet.com

Date: Wed, 17 May 2000 12:03:18 EDT
From: PDouglas12@aol.com
To: ka9nzi@arrl.net
Cc: qrp-1@lehigh.edu
Subject: [70421] Re: Small Wonder PSK-20 question
Message-ID: <f.3edd71a.26541cc6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/17/2000 10:49:06 AM Eastern Daylight Time, ka9nzi@arrl.net writes:

<< Is it really necessary to dedicate an entire RS-232 port of the PC to operate a push-to-talk line with this rig?
I'm guessing that it is, since there is probably no VOX circuit in the PSK-20 design.
>>

Yes, there is no VOX! By the way, my experience with VOX is that it is unreliable, as the sound card output is too variable.

Preston WJ2V

Leaving for Dayton right now!

Date: Wed, 17 May 2000 11:10:17 -0500
From: Richard Matthews <prm@hiwaay.net>
To: PDouglas12@aol.com, qrp-1@lehigh.edu
Subject: [70422] Re: Small Wonder PSK-20 question
Message-ID: <3.0.1.32.20000517111017.0096ead0@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:03 PM 5/17/00 EDT, you wrote:

><< Is it really necessary to dedicate an entire RS-232 port
> of the PC to operate a push-to-talk line with this rig?
> I'm guessing that it is, since there is probably no VOX
> circuit in the PSK-20 design.
> >>

>Yes, there is no VOX! By the way, my experience with VOX is that it is
>unreliable, as the sound card output is too variable.

>
>Preston WJ2V
.....

That is one of the great things about SWL's, (Dave's) designs, they are lean and clean with all the features you have to have and not loaded down with those you can do without. It makes for easier assembly and use, lower cost, better reliability, and lighter, smaller packaging just what QRPers are looking for.

Richard WA4NWW

Date: Wed, 17 May 2000 09:28:32 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [70423] HP 1740A Scope Disposition
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE5DF3@hq-expo2.filenet.com>

Many thanks to those who replied to my post about trouble-shooting my HP 1740A scope. The advice really helped out in my trouble-shooting efforts. Not to bore you with the details but, sadly, I must report that the problem was traced to an HP part. For those familiar with the scope, I believe it to be the A3A1 vertical preamplifier substrate (HP Part #5081-3030) --

basically a big white chip mounted in a bodacious heat-sink on the A3 board.
So my next questions are:

(1) Any ideas on where I could find a replacement (and do you wanna bet that HP doesn't make them anymore?).

(2) Anyone have an old HP 1740A that they have cannibalized that would be willing to part with this chip?

(3) Anyone want to buy a SINGLE-trace, immaculate HP 1740A 100-MHz scope?

..just kidding on that last point, but..

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Wed, 17 May 2000 09:30:07 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [70424] FS: OHR-100A 30-meter kit..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE5DF4@hq-expo2.filenet.com>

..obviously inbuilt. \$95 + s&h..

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Wed, 17 May 2000 07:45:46 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'vintage@best.com'" <vintage@best.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70425] RE: New Elecraft Rig
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20B7A@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Me too! Those countersunk screws really add a professional touch to the appearance!
Karl K - W8TIF

McKinney, Texas

-----Original Message-----

From: Robert P. Okas [mailto:vintage@best.com]

Sent: Tuesday, May 16, 2000 4:31 PM

To: Low Power Amateur Radio Discussion

Subject: Re: New Elecraft Rig

First I noticed, honest to God, is the countersunk screws! Cute little rig!

73,

Bob - W3CD

Date: Wed, 17 May 2000 10:12:04 -0700

From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>

To: <qrp-1@Lehigh.EDU>

Subject: [70426] Re: Another Toroid Question

Message-ID: <000301bfc023\$0a274f80\$66d1fc9e@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Doug

According to the Amidon book, you can get up to 79 turns of #28, 101 turns of #30, or

47 turns of #24 wire on the T68-2 core. The inductance comes from the number of turns, not the wire size.

It sounds like you could just squeeze in the needed 46 turns of #24 on the core. If you have a way of measuring inductance, I'd say use the #24 and measure the resulting inductance. You will have to wind the turns tight against each other to be sure of getting them all on the core.

These cores have a certain tolerance, so you may wind up with a bit more or a bit less inductance for the 46 turns. If a bit more, just peel off a turn at a time until you get the 12 uH.

At about 3.8 turns per uH, you could peel back a turn or two without harming the total inductance if you want a small clearance between the two wire ends of the toroid coil.

73, Bob N6WG

Date: Wed, 17 May 2000 11:11:35 -0600

From: Bruce Kizerian <kizerian@ced.utah.edu>
To: wphinizy@filenet.com, qrp-1@Lehigh.EDU
Subject: [70427] Re: HP 1740A Scope Disposition
Message-ID: <3922D2C6.7ECE03AE@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> (2) Anyone have an old HP 1740A that they have cannibalized that would be
> willing to part with this chip?

Every once in a while you see an 1740A parts scope on ebay. Ebay is much
maligned on qrp-1, but the fact is you can get some extraordinary deals on test
equipment if you are careful. All of my test equipment came from ebay, all at
MUCH lower prices than used equipment dealers.

At the risk of starting another obnoxious thread (the kind that swamps out all
technical discussion for a few days), I offer my two cents on this subject.

Bruce kk7zz

Date: Wed, 17 May 2000 10:25:10 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [70428] RE: Another Toriod Question
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FEDE@blaze.bcsbc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Thanks to all who replied to my question on winding a toroid with different
wire sizes. I will try using #24 wire first and see if I can get the
required number of turns without cramming in onto the coil. If that fails,
I'll use #30.

I have to finish this project by the weekend. Our club is having its annual
hamfest this weekend, part of which is a miles-per-watt contest and I WANT
TO WIN !!!

I've learned something with this excersise, which is the point of
homebrewing after all. This is a great list.

Doug VA7DD

Date: Wed, 17 May 2000 13:25:27 -0400 (EDT)
From: n2go@arrl.net
To: Karl Kanalz <KKanalz@excel.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70429] RE: New Elecraft Rig
Message-ID: <Pine.LNX.4.20.0005171323540.768-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First the screws, next comes a heftier knob.....They *are*
listening...:)

73,

Jim n2go

Date: Wed, 17 May 2000 14:25:11 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [70430] Free nice project case
Message-ID: <e3.481ead0.26543e07@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I have a black anodized box 6.5 " deep, 4.5" wide and 3.5 " high.
The top slides off the bottom just like the ARK 40 S&S rigs
The sides are finned and the bottom has rubber pads.
Front panel is missing but the rear is the same and can be used as a template.
The 2 holes will take the SO-239 connectors.
Both the top and bottom have grooves inside for a PC board to slide in and
stay secure (Just like the S&S case).
Really hate to trash it.
Your's for the cost of 1st. class mail.(appx.\$5.00)
Bob
WA2HOQrp <tm>

Date: Wed, 17 May 2000 14:27:37 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Cc: elecraft@qth.net
Subject: [70431] Dayton and goat meat
Message-ID: <v03102802b5488e795f9b@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I sure hate to skip Dayton again this year. The list of things I'm going to miss seems to grow by the hour; the new rig at Elecraft, FDIM, all the qrp dealer booths, and of course fellowship with all the qrpers there.

But the coup d' grace at Dayton this year has to be eating goat with three guys named Nasser, Mohammed and Nils. That really has a great ring to it ... Nasser, Mohammed and Nils. Great band name, Norwegian belly dancing music. Black lights, strong coffee, hedonist pleasures. Load up the hookah and pass that stuff that tastes like chicken.

Next year in Dayton,

Rick kf4ar

Date: Wed, 17 May 2000 13:41:14 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <PDouglas12@aol.com>
Subject: [70432] Re: Small Wonder PSK-20 question
Message-ID: <000201bfc039\$dab18880\$f3891004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary;

As Preston notes a serial connection is needed. If you come up short, consider using a "Y" cable or serial switch box off one of your ports. The PSK-20 only needs DTR and SIG Ground. If you do share a port make sure DigiPan has exclusive control while operating.

No telling what might happen otherwise. Doubtful you'll harm the PSK-20. Dave included some isolation diodes to protect the rig a bit. But, your TX/RX may be weird if another program is toggling the DTR sig.

GL. When you're ready, let me know we'll try a 2-way PSK-20 QSO.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Gary Lee Phillips <ka9nzi@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, May 17, 2000 8:47 AM
Subject: Small Wonder PSK-20 question

> Is it really necessary to dedicate an entire RS-232 port
> of the PC to operate a push-to-talk line with this rig?

Date: Wed, 17 May 2000 14:29:41 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.edu>
Subject: [70433] Swap P/S for MFJ code tutor
Message-ID: <001501bfc03e\$a22e1e60\$29df070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Astron Model 12A 12 amp power supply I would like to trade for a MFJ 418 Code Tutor. thanks for the space. 72 Cal KF7ET colcal@ssrv.net

Date: Wed, 17 May 2000 16:59:53 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>

To: QRP List <qrp-l@lehigh.edu>
Subject: [70434] Problems at the Dayton Ramada?
Message-ID: <Pine.OSF.4.21.0005171654140.7546-1000000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have left five messages today for "Jennifer" the sales rep at the Dayton Ramada and have not received a reply.

I'm simply trying to find out if I have a room at the Ramada with the QRP folks. What I do not want to do is drive 5 1/2 hours and then find I have to drive another 20 miles south to some other hotel.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 17 May 2000 13:22:11 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [70435] Prop: AL7FS just can't believe it.
Message-ID: <39230D83.EF6557E6@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska...the black pit of propagation at 61 degrees North.

Date: Wed, 17 May 2000 08:31:20 -0700
SFI=259 | A=16 | K=2 down from 3 at 1500 on 17 May. SAF: moderate, GMF: quiet to active
Aurora Level: 4 More: <http://hfradio.org/propagation.html>

When I looked at the SFI of 259, I was hoping something would work on propagation. I just checked the bands at 2115Z and there were zero cw signals on 15 or 10 meters and only six QRO signals on 20 meters. I will just keep checking and one of these days, watch out, I am going to make a bunch of contacts.

I will be making a solo, three week journey to Iowa, Nebraska and

Wisconsin the end of this month. I plan to bring along the Index Labs QRP+ as well as the SW40+. I will need to start collecting net day/dates and times for when I am down there. Watch out Cheeseheads, I am heading your way for over a week (Watertown). And I hope to make the South Sioux City, NE QRP/Hamfest.

Take care,

73, Jim, AL7FS

QRP-L CD Ver 3. May 2000 is available:
details at <http://www.qsl.net/al7fs/>

Date: Wed, 17 May 2000 13:33:20 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [70436] QRP-L CD - WL7MP Juliann is my backup May30 to June 20.
Message-ID: <39231020.D4ABF9C0@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As you know, the QRP-L CD is available now (<http://www.qsl.net/al7fs> for details).

I just posted an email to the reflector that says I will be out of town for 3 weeks. This is NOT a problem concerning the QRP-L CD Version 3. My daughter, Juliann, WL7MP (newly graduated from High School and soon to be studying Electrical Engineering at the University of Utah in Moscow, ID) has agreed to take care of all requests for CDs while I am out of town. She is actually better at this computer stuff than I am and has taught me how to do the CDs after she installed the CD-R/W.

BTW, Juliann upgraded to General Class in April so now we have three of us General or higher in the house. Nancy is KL7NY (Gen) and son Andy (now in Nagoya Japan) is NL7QI (Tech+). We have all four prefixes covered in this household.

73, Jim

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
QRP ARCI #6754 Check out <http://www.qrparci.org/>

Date: Wed, 17 May 2000 18:15:29 EDT

From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [70437] What's going on ?
Message-ID: <20000517.181720.4423.2.kc8aon@juno.com>

Whenever I try to set my QRP-L mail to the digest mode, I get absolutely nothing, anyone else experience this ? Would really like to get this in the digest mode so I only have to delete one message when I get done reading it.

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

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End of QRP-L Digest 1824

